

PLANNING & PROGRAMMING DIVISION  
PLANNING RESEARCH SECTION  
TRAFFIC ANALYSIS UNIT

TAU 3061A

T.H. 694  
S.P. 6286-02, 8286-05  
E. Jct. 35E to Jct. T.H. 36

Prepared: December, 1965

MINNESOTA HIGHWAY DEPARTMENT

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS



STATE OF MINNESOTA

## Office Memorandum

DEPARTMENT HIGHWAY

TO : T. S. Thompson  
Road Design Engineer

DATE: December 15, 1965

FROM : Robert D. Owens  
Traffic Analysis Engineer

SUBJECT: T.H. 694, S.P. 6286-02, 8286-05;  
E. Jct. 35E to Jct. T.H. 36

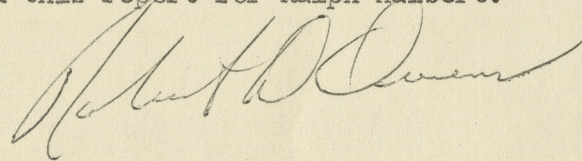
The Traffic Analysis Unit transmits this report in response to your July 9, 1965 request for the 1986 ADT, DHV, and HCAADT for the project location as shown on the map on page 2.

For each segment numbered on the map on page 3, the Unit tabulated the data on page 4:

- a) Total ADT
- b) Vehicle Type Distribution
- c) Total Heavy Commercial ADT

Segment 1 has the highest 1986 ADT of 42200. The 1964 ADT on the parallel section of T.H. 36 is 18940.

B. L. Warzala requested this report for Ralph Halbert.



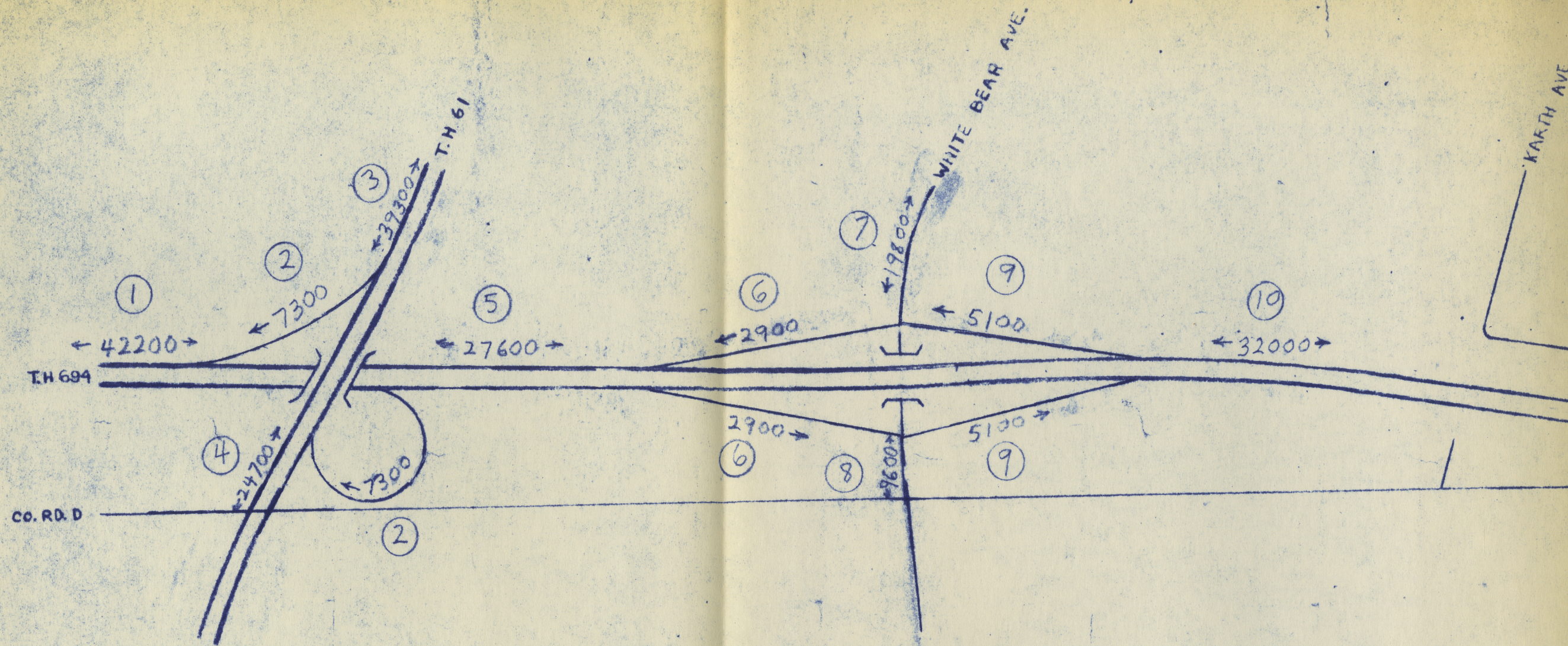
-1-

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
WORK MAP

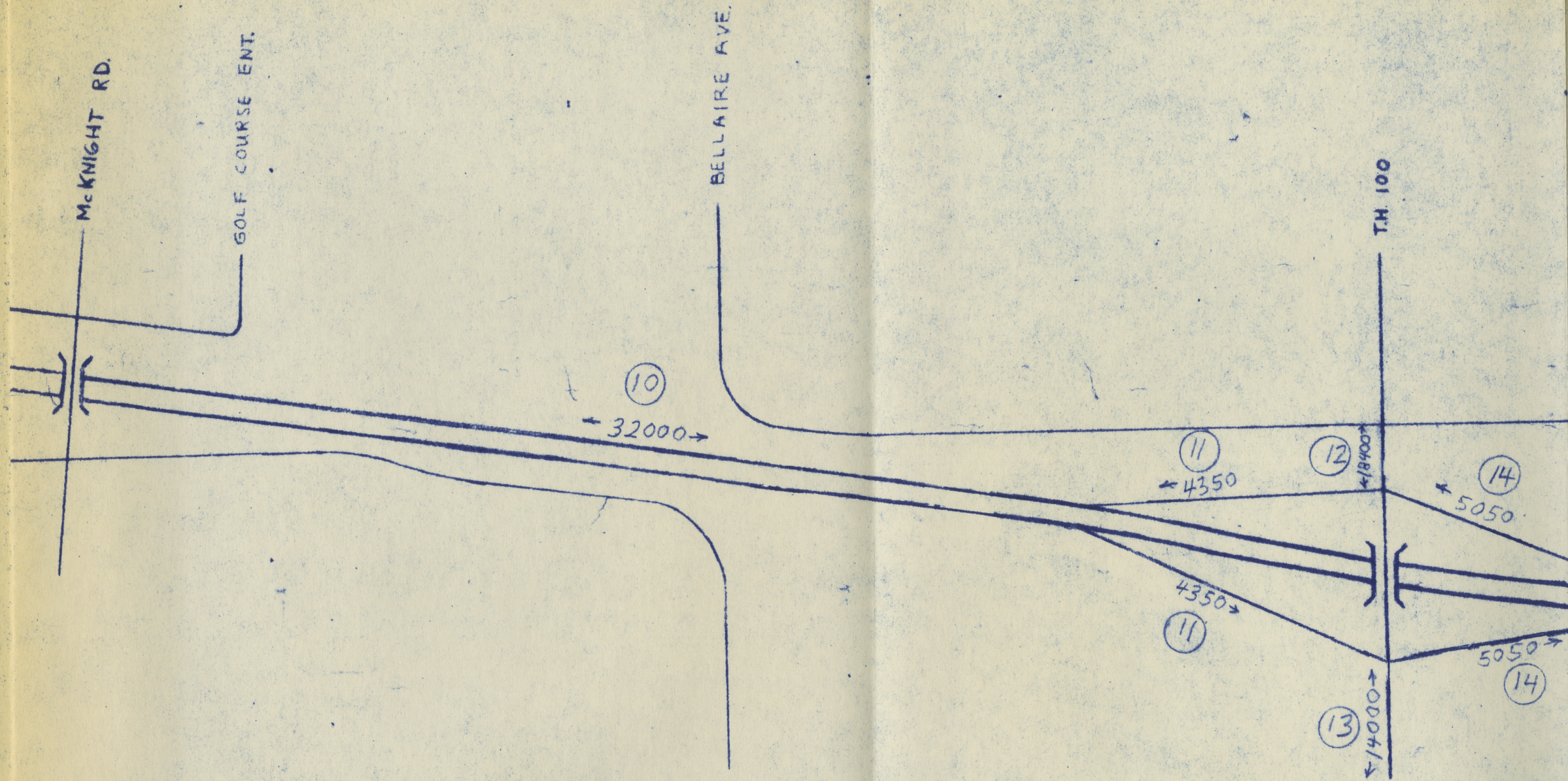


Base Map Prepared by the Planning and Programming Division Jan. 1, 1965

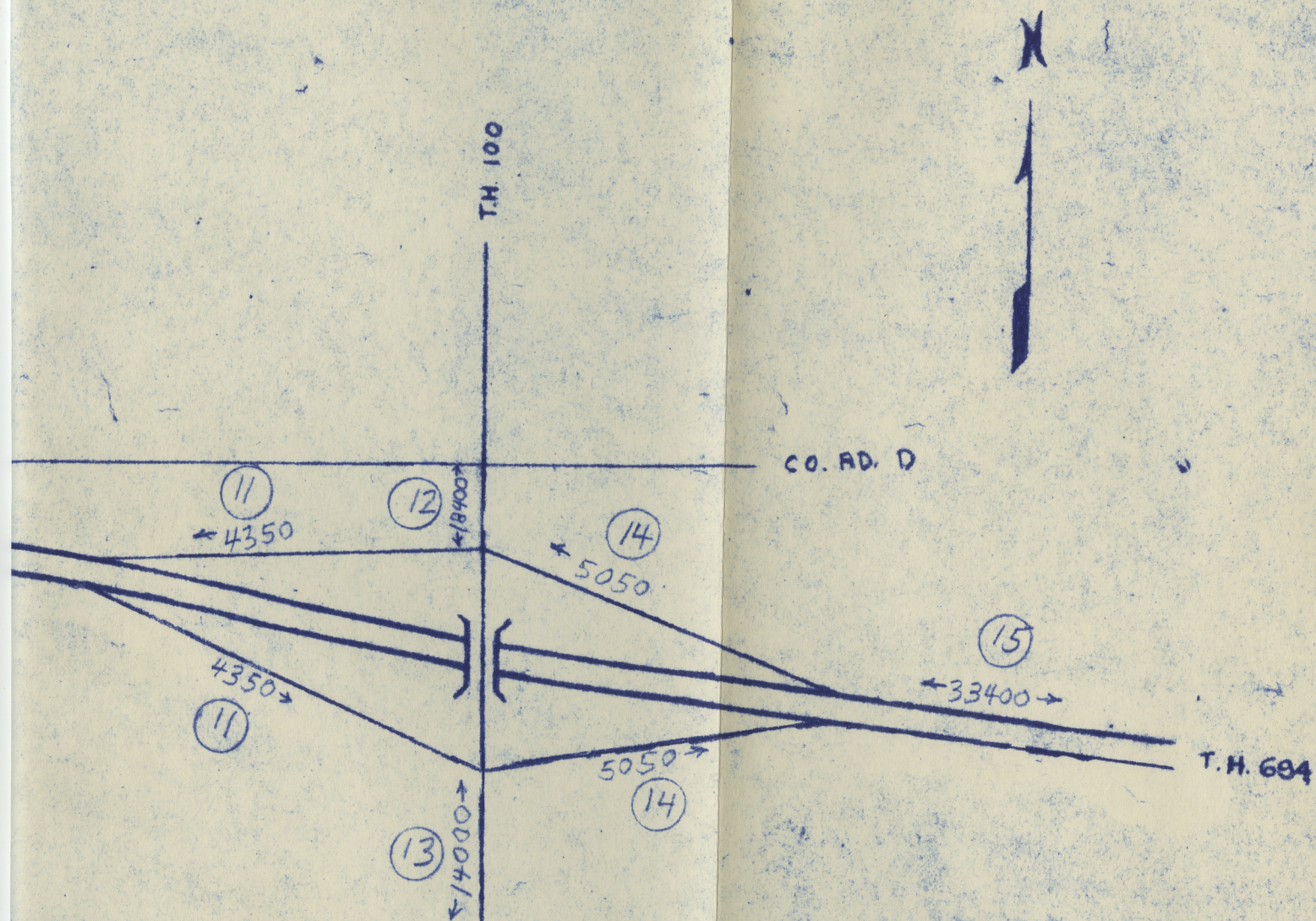












T.H. 694  
 S.P. 6286-02, 8286-05  
 TAU 3061-A  
 December, 1965  
 E. Jct. 35E to  
 Jct. T.H. 36

Legend

Segment Number .... (15)  
 1986 ADT ..... 33400



## TRAFFIC ESTIMATE DATA

DESIGN YEAR 1986 PART 1 OF 2

FOR

T.H. 694 S.P. 6286-02, 8286-05 LENGTH - MILES  
COUNTY Ramsey, Washington LOCATION E. Jct. 35E to Jct. T.H. 36

BASED ON

1986 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	38402	6698	37060	23664	25006	2575	18863	9158	4952	29760	4179
1	1291	204	1061	653	883	97	383	243	36	761	44
2	498	79	309	151	340	10	140	56	71	462	5
3	152	24	90	42	104	8	26	12	6	100	6
4	502	80	222	62	342	50	72	12	8	258	29
5	903	143	355	69	617	126	172	19	19	403	62
6	452	72	203	59	308	34	144	100	8	256	25
TOTAL ADT	42200	7300	39300	24700	27600	2900	19800	9600	5100	32000	4350
TOTAL H. COMM. ADT	3798	602	2240	1036	2594	325	937	442	148	2240	171
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS      4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS      5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
 2 = SINGLE UNIT-3 AXLE TRUCKS              6 = BUSES AND TRUCKS WITH TRAILERS  
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES

## TRAFFIC ESTIMATE DATA

DESIGN YEAR 1986 PART 2 OF 2

FOR

T.H. 694 S.P. 6286-02, 8286-05 LENGTH - MILES  
COUNTY Ramsey, Washington LOCATION E. Jct. 35E to Jct. T.H. 36

BASED ON

1986 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 15 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15							
0	17978	13595	4963	31328							
1	233	200	23	719							
2	53	33	36	524							
3	11	6	5	98							
4	11	26	7	214							
5	18	60	9	297							
6	96	80	7	200							
TOTAL ADT	18400	14000	5050	33400							
TOTAL H. COMM. ADT	422	405	87	2072							
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS      4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS      5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
 2 = SINGLE UNIT-3 AXLE TRUCKS              6 = BUSES AND TRUCKS WITH TRAILERS  
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES



BASIC DATA, METHOD, AND ASSUMPTIONS

The 1986 ADT and DHV were developed from the System 10 Metropolitan Area Traffic Assignment and were transmitted in TAU 406 in November, 1965.

The total heavy commercial ADT is also based on the foregoing System 10 assignment of heavy trucks attendant to the 1986 ADT in TAU 406. The vehicle type distributions of the total heavy commercial ADT results from a study of the origins and destinations of the varieties of commercial vehicles contacting the study area in addition to a study of the classification counts recorded for routes influencing the traffic in the study area.

The 1980 ADT and DHV for this same project, based on the System 5 Metropolitan Area Traffic Assignment, were transmitted in May of 1963 in TAU 225. Tractor-semitrailers attendant to the 1980 ADT in TAU 225 were transmitted in June of 1963 in TAU 3061 which further describes the basic data of the vehicle type distribution for the project.